

RECEIVED

FEB 19 2003



TECH CENTER 1600/2900

1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/083,853B

DATE: 02/12/2003

TIME: 10:38:15

Input Set : A:\3385.1.ST25.txt

Output Set: N:\CRF4\02112003\J083853B.raw

3 <110> APPLICANT: Shigeta, Ron T.
 4 Siani-Rose, Michael A.
 6 <120> TITLE OF INVENTION: Nucleic Acid Encoding Growth Factor Protein
 8 <130> FILE REFERENCE: 3385.1
 10 <140> CURRENT APPLICATION NUMBER: 10/083,853B
 11 <141> CURRENT FILING DATE: 2002-02-26
 13 <150> PRIOR APPLICATION NUMBER: 60/272,663
 14 <151> PRIOR FILING DATE: 2001-01-03
 W--> 16 <150> PRIOR APPLICATION NO: 60/272,663
 17 <151> PRIOR FILING DATE: 2001-03-01
 19 <160> NUMBER OF SEQ ID NOS: 2
 21 <170> SOFTWARE: PatentIn version 3.2
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 317
 25 <212> TYPE: PRT
 26 <213> ORGANISM: Homo Sapiens
 28 <400> SEQUENCE: 1
 30 Met Gly Lys Asp Phe Met Ser Lys Thr Pro Lys Ala Met Ala Thr Lys
 31 1 5 10 15
 34 Ala Lys Ile Asp Lys Trp Asp Leu Ile Lys Leu Lys Ser Phe Cys Thr
 35 20 25 30
 38 Ala Lys Glu Thr Thr Ile Arg Val Asn Arg Gln Leu Thr Glu Trp Glu
 39 35 40 45
 42 Lys Ile Phe Ala Thr Tyr Ser Phe Asp Lys Gly Leu Ile Ser Arg Ile
 43 50 55 60
 46 Tyr Asn Glu Leu Lys Gln Ile Tyr Lys Lys Thr Lys Asn Pro Ile
 47 65 70 75 80
 50 Lys Lys Trp Val Lys Asp Met Asn Arg His Phe Ser Lys Glu Gly Ile
 51 85 90 95
 54 Tyr Ala Ala Lys Lys His Met Lys Lys Tyr Ser Ser Ser Leu Ala Ile
 55 100 105 110
 58 Arg Glu Met Gln Ile Lys Thr Thr Met Arg Tyr His Leu Thr Pro Val
 59 115 120 125
 62 Arg Met Ala Ile Ile Lys Lys Ser Gly Asn Asn Arg Asp Met Asp Glu
 63 130 135 140
 66 Ala Gly Asn His His Ser Gln Gln Thr Ile Thr Arg Thr Lys Asn Gln
 67 145 150 155 160
 70 Thr Pro His Val Leu Thr His Arg Trp Ile Leu Gln Gln Ser His Trp
 71 165 170 175
 74 Val Thr Val Leu Ser Asp Ile Ser Glu Leu Met His Lys Thr Asp Arg
 75 180 185 190
 78 Ile Val Asn Leu Leu Met Cys Met Tyr Leu Leu Thr Val Asp Leu Asp
 79 195 200 205

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/083,853B

DATE: 02/12/2003

TIME: 10:38:15

Input Set : A:\3385.1.ST25.txt

Output Set: N:\CRF4\02112003\J083853B.raw

82 Arg Leu Asn Asp Asp Ala Lys Arg Tyr Ser Cys Thr Pro Arg Asn Tyr
 83 210 215 220
 86 Ser Val Asn Ile Arg Glu Glu Leu Lys Leu Ala Asn Val Val Phe Phe
 87 225 230 235 240
 90 Pro Arg Cys Leu Leu Val Gln Arg Cys Gly Gly Asn Cys Gly Cys Gly
 91 245 250 255
 94 Thr Val Asn Trp Arg Ser Cys Thr Cys Asn Ser Gly Lys Thr Val Lys
 95 260 265 270
 98 Lys Tyr His Glu Val Leu Gln Phe Glu Pro Gly His Ile Lys Arg Arg
 99 275 280 285
 102 Gly Arg Ala Lys Thr Met Ala Leu Val Asp Ile Gln Leu Asp His His
 103 290 295 300
 106 Glu Arg Cys Asp Cys Ile Cys Ser Ser Arg Pro Pro Arg
 107 305 310 315

110 <210> SEQ ID NO: 2

111 <211> LENGTH: 29921

112 <212> TYPE: DNA

113 <213> ORGANISM: Homo Sapiens

115 <400> SEQUENCE: 2

116	gtatatgtaa gaaaggctca tcttttgcattttaatatac aagatgcctt ctttaagaga	60
118	gcaagattca aaatttgtttt gtgtttcaaa atttaaaaat aaatttatct cctaaatttt	120
120	ctaaagacat gtttcatata ttggaccatc ctttatttttgc gcaaaggatt ttaagagtct	180
122	aactcaaaca tatgttaagct ctgggttacc ttgttatata taccaaaaaaacatgtt	240
124	ctatatacac atagacatga atatattttct gtgtgtgtttt gtgcataat aacctcaaac	300
126	actattatta aatgcaatcc tatattctta ggtatagaag ttgtatgtat acctttctac	360
128	ttgccatggc attaacaagaa caaggctgag actcagcaac cacttgtt cattgcattt	420
130	caggcttagta gtaagtttgg ttgctggtag gaaaagggtc tcttatttcac ccctccttaa	480
132	actaaagggtt ctttcaggct taatgttaagg atgtgcacat tctcttatcg aggtggctt	540
134	gagctgcaga tacaatcaca tcgttcatgg tgatccaact ggatgtcaac tagagccatg	600
136	gtcttagctc taccctctt cttgtatgttgc ccaggctcaa actgtataac ctggacaag	660
138	aagcacatct cctgttagaa agcctttgga gttcaactca gtcagatgcc acctacttat	720
140	taccttttg acaactagtt cttagccctt tgagaaccca acagaagcta tggcttgct	780
142	attagaatgc acacgttgct attagaatgt acacattttt caaataatttgc actccctgaa	840
144	gtggaggaat caattgtatcc cagagtaatg cccagcataa ttacatgttgc gtacccagat	900
146	gatttcatgt gtcttagcag gtatattttat atagctttct aaggccctgc tttggccaa	960
148	gtactgttcc aaatatttac gtaaagatcc ttctgtacca ggcatgttgc atagatgaat	1020
150	acaataacttgc agcatattat tagcatggag aggaaaatga atacaaccat gaataaaata	1080
152	tgctggata tctaaatctt tgggttgaatg aaaacatgtt gcccggagt tgctggcaag	1140
154	atggccgaac aggaacagact ctggctctgca gttcccagcg agatcaatgc agaaggcggg	1200
156	tgatttctcc attcccaact gaggtaccatc gttcatctca ctggactgg ttagacatttgc	1260
158	ggtcagccc acggaaaggta agctgaagca ggggtgggtg tccccctcagc cgccaaatgtc	1320
160	aagggggtgg gggatcttcc tccccccagcc aagggaaagcc atgagagact gtaccaggag	1380
162	aatgggttca ctcttagtcca gatactgcac tttttccata gtctttgcac ctggcagacc	1440
164	aggagatttc ccccaagtgc tatgccacca gggccctggg tttcaagcac aaaactgggc	1500
166	ggccatttgg acagacacccg agctagccgc agcagtttat ttttcatacc ccagtggcgc	1560
168	ctggaatgcc agcaagacag aaccattcac tccaggatc caagtggct ggctcagtg	1620
170	gtcccacccc catggagccc agctagctaa gatccactgg cttgaaatttgc tcctgcccac	1680
172	acagcagtct gagattgacc tggatgttgc gagcttggtg aggggagggg cgtctgcccac	1740
174	tgcgtaggct tgagttaggcg aggcgggtttt accctcaaaatc tgtaaacaatc gctactgggaa	1800

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/083,853B

DATE: 02/12/2003

TIME: 10:38:15

Input Set : A:\3385.1.ST25.txt

Output Set: N:\CRF4\02112003\J083853B.raw

176	agtttgaatg	gggcgcac	cgcagctcag	caaggccgt	gtggcaaact	gcctcttag	1860
178	attcctcctt	tttgggcagg	tcatctctga	aagaaaaggca	gcagccccag	tcagggactt	1920
180	atagataaaa	ccccccatctc	cctgggacag	agaacctggg	ggaagggggtg	gctgtgggtg	1980
182	cagttctca	gacttaaacaa	ttcctgcctg	gaggctctga	agagagcagc	ggatctccca	2040
184	gcacagcatt	tgagctctga	taagggacag	gctgcctctt	caagtgggtc	cctgaccccc	2100
186	atgtatcctg	actgggagac	atctccatt	agggccaat	agacatttca	tacaggagac	2160
188	agggtctgga	gtggacctcc	agcaaactcc	agcagacctg	cagcagagcg	gcctgactgt	2220
190	tagaaggaaa	agtaacaaac	agaaaaggaa	agtatcaaca	ttaacaaaaa	ggacatccac	2280
192	tcaagagaccc	catctgaagg	tcaacaacat	caaagacca	aggttaataa	aaccaaaaag	2340
194	atggggaaaaaa	ccagtcaga	aacactgaaa	attccaaaaa	ccagaactcc	tcttctcaac	2400
196	caaaggatca	caactcctcg	ccagcaaggg	aacaaaacca	gatggagaat	gagtttggg	2460
198	aattgacaga	agtaggcttc	agaaggtggg	taataacaaa	ctcctccgag	ctaaaggagc	2520
200	atgttctaac	ccaatgcaag	gaagctaaga	acctgaaaaa	aaggtagat	gaattgctaa	2580
202	ctagaataat	cagttagag	aagaacataa	atgacctgat	ggagctgaaa	aacgcaagac	2640
204	aagaacttca	tgaagcatac	acaagcttca	atagccaaat	cgatcaagca	gaagaaagga	2700
206	tatcagtgat	tgaagatcaa	attaataaaa	gaaagtgaga	agacaagatt	acagaaaaaa	2760
208	gagtgaaaag	aaacaaacaa	agcctccaaag	aattatggga	ctatgtgaaa	agaccaaattc	2820
210	tacatttgat	ttgtgtcccc	caaagtgtat	gggagaatgg	aatcaagttg	gaaaacactc	2880
212	ttcagggtat	tatccaggag	aatttcccc	tctatcaggg	caggccaaaca	ttoaaattca	2940
214	gaaatatgg	agaacaccat	aaagatactc	ctcgagaaga	acaatccaa	gacacataat	3000
216	ttcagattc	accaagggtt	aatgtgagga	aaaaatgtt	agggcagcca	gagagaaagg	3060
218	ttgggttacc	cacaaaggga	agccaatcag	actaacagcg	gatctcccg	cagaaaccct	3120
220	acaagccaga	agagagttag	ggccaaatatt	ccacatttctt	aaagaaaata	attttcaacc	3180
222	cagaatttca	tatccagcc	aaccaagctt	cctaagtgtaa	ggagaaataa	aatccctctac	3240
224	agagaagcaa	atgctgacag	attttgtca	ccaccaggcc	tgccttacaa	gagtcctgt	3300
226	aggaagcacc	aacatggaaa	ggaacaactg	gtaccagcca	ctgcaaaaac	atcccaaatt	3360
228	gtaaagacca	ttgatgttat	gaagaaagt	catcaactaa	cggccaaat	aaccagctag	3420
230	tgtcataatg	gcaggatcaa	attcacat	aataatatta	accttaatg	taaatgggct	3480
232	aaattcccc	attaaaagac	acagactggc	aaattggata	aagagtcaag	accatcagt	3540
234	gtgctgtatt	caggaggccc	atctcacatg	aaaagacaca	cataggctca	aaataaaggg	3600
236	atggaggaag	atttaccaag	taaatggaaa	acaaaaaaaaa	aaagcagggg	ttgcaatcct	3660
238	agtctctgat	aaaacagact	ttaaaccac	aaagatcaaa	agagacaaag	aaggccatta	3720
240	cataatggta	aaggcatcaa	tggacaaga	agagctaact	atcctaaata	tacatgcacc	3780
242	caatacagga	gcaccaggat	tcataaagca	agttcttaga	gacctacaaa	gagactttga	3840
244	ctccccacaca	ataatagtgg	gagtctaaat	aataaataga	cactttaaca	ccccactgcc	3900
246	aatatttaggc	agatcaatga	gacagaaaaat	taacaaggat	atccaggagt	tgaactgagc	3960
248	tctggaccaa	gcggacctaa	tagatatcta	cagaactccc	cacccaaat	caacagaata	4020
250	tacactcttc	tcagcatcac	attacaccta	ttttaaaatt	gaccatgtaa	ttttaagtta	4080
252	aacactcctc	agcaaatgca	aaagaacaga	aatcctaaca	aacagtctct	cagactacag	4140
254	tgcaatctat	ttagaactca	gaattaagaa	actcactcaa	aatcacacaa	ctacatggaa	4200
256	actgaacaac	ctgctctga	atgactactg	ggtaaataac	aaaatgaagg	caaaaataaa	4260
258	gatgttcttt	gaaaccaatg	agaacaaaga	cacaatgtac	cagaatctct	ggggcatatt	4320
260	taaaggcagt	tgttagaggga	aatttatagc	actagatgcc	tacaagagaa	agcagggaaat	4380
262	atctaaaata	gacaccttaa	catcacaatt	aaaagaacta	gagaagaaag	agcaaacaaa	4440
264	ttcaaaagct	agcagaagac	aagaataac	taagatcaga	gcagaactga	aggagataga	4500
266	gacacaaaaaa	gccctcaaa	taaatcaatg	aatccaggag	ctggttttt	gaaaagatca	4560
268	gcaaaaataga	ccactagaca	gactaataaa	gaagaaaaga	gagaagaatc	aaagagatgc	4620
270	aataaaaaat	gataaagggg	atatcaccac	cgatcccaca	gaaataaaaa	ctattatcag	4680
272	agaatattat	aaacacctct	atgcaaataa	actagaaaaat	ctagaagaaa	tggataaatt	4740

RAW SEQUENCE LISTING

DATE: 02/12/2003
TIME: 10:38:15

Input Set : A:\3385.1.ST25.txt
Output Set: N:\CRF4\02112003\J083853B.raw

274	cctggacaca	tatgtggcct	gtatggacct	tgggggacag	aacaaaaggg	ggtgaatgca	4800
276	gaaataaaag	acaaagacaa	aagagtatgt	ttggaagtag	gggtcagggg	gcaacttgcc	4860
278	tctaattggac	aaggcccctg	agctttacac	caccctctgt	atttattagg	caaaagagat	4920
280	agcgagaggg	tgagttggaa	gaagagggtca	gctgttaggt	ccagagtagg	cctgcaagac	4980
282	tgcatttcctc	aaacaatagg	ctctagatgt	cccagttagat	aacctcaagg	agccagtgc	5040
284	agggagtgtat	ggccctcagc	aaaccttcta	gggcaggcac	agaagtaagt	ttgcccacat	5100
286	tctgtattca	cgataaacag	tttgctgttt	gatcaagtag	cctccagtg	aatgctgagt	5160
288	tggcatgtat	cccttggcc	tttttggctc	ccaaaacaca	tacaccctct	caagactaaa	5220
290	ccaggaagaa	gtcaaatccc	tgaatatacc	agtaacaagt	tctaaaattg	aagcagtaat	5280
292	tgatagccta	ccaacaaaaa	aaagtccagg	accagacgga	ttcacagcca	aattctacca	5340
294	gaggtacaaa	gagaagctgg	tactattct	tctgaaacta	ttccaaaaaa	tagaaaatgg	5400
296	gaatccccc	taactcattt	tacgaggcca	gcatcatcct	gataccaaaa	cctagcgtg	5460
298	acacaacaaa	aagagaaaat	ttcaggccca	tatccctgat	gaacatttgat	gtaaaaatcc	5520
300	tcaataaaaat	actggaaac	caaatccagc	agcacatcaa	aaagcttatac	taccatgatc	5580
302	aagttggcgt	catccctggg	atgcaaggt	ggttcaaaat	atgcaaatac	ataaatgtag	5640
304	gccatcacat	aaacagaacc	aatgacaaaaa	accacatgtat	tatctcaata	gatgcagaaa	5700
306	aggccttgc	caaattcaa	cagcccttca	tgctaaaaat	tctcagtaaa	ctaggtatcg	5760
308	atggaatgtat	tctcaaaaata	ataagagcta	tttataaaaa	cccacagcca	atatcataact	5820
310	gaatggcata	aaactggaa	cattccctt	gagaactggc	acaagacaag	gatccctct	5880
312	ctcaccactc	ctattcaaga	tactattgaa	agttctggcc	agggcaatca	ggcaatagaa	5940
314	agaaaataaaag	ggtattcaaa	tagaaagaga	ggaagtcat	ttgtctctgt	ttcagatgta	6000
316	catgtttgtat	tatttagaaa	accccatcg	ctcaggccaa	aaactcccta	agctgataag	6060
318	caacttcagc	aaagtctcg	gacacaaaaat	caatgtgca	aaatcacaag	cattttata	6120
320	cgccaataat	agacaaacag	agagccaaat	catgagtgaa	ctctcatca	caattgtctac	6180
322	aaagagaata	aaatacctag	gaatacaact	tacaagggac	acgttaggaac	tcttcaagga	6240
324	gaactacaaa	ccactgatca	aggaaataaag	agaggacaca	aacaaatgga	aaaacattcc	6300
326	atgctcacag	atagtaagaa	tcatgaaaaat	gccatactgc	ccaaagtaaa	ttatagattc	6360
328	atgtctaccc	ccatcaagct	accattgact	ttcttcacag	aattggaaaa	aacaacttta	6420
330	aatttcatat	ggaacaaaaa	aaagagccca	cagagccaa	acaatctaa	gaaaaagaa	6480
332	caaagctgga	ggtatcatgc	tacctgactt	aaaactatac	tataaggcta	cagtaaccaa	6540
334	aactgcatgg	tactggtacc	aaaacagata	tatagaccaa	ttggacagaa	cagagacctc	6600
336	agaaaattaca	ctgcaatcta	catccatctg	atcttgaca	aacctgacaa	aaacaagcaa	6660
338	tggaaaaagg	attccctatt	taataaaatgg	tgttggaaaa	actggctagc	catatgcaga	6720
340	aagctgaaac	tggatccctt	ccttacaccc	tataaaaaag	ttaactcaag	atgaattaaa	6780
342	gacttaataa	taagacataa	aaccataaaaa	acccagaaga	aaaccttaggc	aataccattc	6840
344	aggatatggat	catggccaaa	gacttcatga	ctaaaacacc	aaaagcaatg	gcaacaaaag	6900
346	ccaaaataga	caagtggat	ctgattaaac	tatagagctt	ctgcacagca	aaaaaaaaact	6960
348	gtcatcagag	tgaacaagca	acctacagaaa	tgggagaaaa	tttttgcata	ctatcgatct	7020
350	gacaaaggct	aatatccaga	gatctacgaa	gaacttaaac	aaatttacaa	aaaaaaaaca	7080
352	accccgtcaa	aatatggc	aaggatatgt	gcagacactt	ctcaaaagaa	gacattttag	7140
354	cagccaaacaa	acatatgaaa	aaaacctcat	catcatttgt	cgttagagaa	atgaaaacaca	7200
356	aaaccacagt	gacataccat	ctcatgctag	ttagaatgg	gatcactaaa	aagtcaggaa	7260
358	acaacaaatg	ctggagagga	tgtggagaaa	taggaacact	tttccactgt	tggggaaat	7320
360	gtaaaattgtat	tcaaccattt	tggaaagacag	tgtggagatt	ccttaaggat	ctagaaccag	7380
362	aaatatcatt	tgaccctgca	atcccattac	tgagttata	cccaaagaa	tataaatcat	7440
364	tctattataa	agacacatgc	acacatatgt	ttattgcagc	actgatcaca	atagcaaaga	7500
366	cttggAACCA	acccaaatgt	ccatcagtg	tagactggat	aaagaaaaca	tggcacat	7560
368	acaccatgaa	atactatgca	gccataaaaa	ggatgagttc	atgtcccttg	cagagatg	7620
370	qatqaqc	qaaaccatca	ttctcaqcaa	actaacacaa	qaacagaaaa	ccaaacaccca	7680

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/083,853B

DATE: 02/12/2003

TIME: 10:38:15

Input Set : A:\3385.1.ST25.txt

Output Set: N:\CRF4\02112003\J083853B.raw

372	catgttctca	cttgtaagtgc	ggagttgaac	aatgagaaga	catggacaca	gggaggggaa	7740
374	catcacacac	caggccctgt	ttgtgggtgc	gggacttaggg	aaggatagc	attaggagaa	7800
376	atacctaatg	tagatgacgg	gttgatgggt	gcagcaagcc	accatggcac	atgtatacct	7860
378	atgttaaaaa	cctgcacatt	ctgcacatgt	accccacaac	ttaaagtatt	aaaaaaaaaa	7920
380	cacacaacat	gttgcctga	tgaaggcat	tagtgccat	aaataagtaa	aatgtgttt	7980
382	atgttttat	atattgtta	acatataata	tccttacca	tttaaaacaa	atcaggttcc	8040
384	actaaaatct	ttgtatatta	atacctgtgt	atcaatacag	catttcttaa	atcaataagt	8100
386	atatcattaa	tttttaaattt	cataagttt	aacataattt	cttaaatttag	tagttaaata	8160
388	gaagccaacc	cttctccct	gcagtggcct	tcatttagtgc	aaatatttagc	tattacatag	8220
390	acatatactt	gttaaaaattc	cattcttgc	ttctaatata	catagtcaga	ttaatatatt	8280
392	atttacttta	tgttcttaga	tcccggtag	cctttatttt	tgatttgtc	ccatttcct	8340
394	tttagattct	aaacttggtc	atggcaccat	taaacaattc	tatagcattt	tacagttttt	8400
396	gaataatttgc	cacaggcact	atttttttt	ttctttttac	cctcagacaa	atctttcaca	8460
398	ttgtggaaaa	gttatacatta	tgcccactt	atactgagat	tctaaaggag	gataagtacc	8520
400	ttgtccaggg	tcttccccgt	acttggacct	gggaccagga	cctggatca	ggacatttaa	8580
402	gctcctagca	tattctgact	tgaggcctct	ctaacatgcc	ttcaatttcc	tttatgtct	8640
404	caagggtgt	tctggctccc	catgtgaacc	ggcaggggaga	cctgtatgc	tttgcttgc	8700
406	cttttgcct	aggtaaaatgt	tagatgcctg	gagttccctg	cactcatgca	tcacggctcg	8760
408	cacattcctt	tcatttagaa	ttttgcctatg	ctgttccata	gacggccag	tgaggcagg	8820
410	aataaaatcac	tgcattttgtt	taatgttcaa	tcaagttagg	gcactctgt	gatgcagaat	8880
412	ggaagatgga	gatctgttt	tagaaaaact	tcaaaagact	tgtcagtgaca	aagttggcag	8940
414	gggggtggagg	aaggaatacc	ctaagaaatgt	tctttaggaa	gacaaatgt	cagaaatttt	9000
416	gatattggta	aagctatgtcc	aaaggccagt	tttgatagtt	gattctatta	tcatctccctg	9060
418	caattctatt	gcacttacaa	taggtacctt	ggaagggtt	ggggtttgg	ctcccatagc	9120
420	tttgccttgc	atttctccaa	gatgaattaa	ttgctat	ccaagactat	ctggcctgt	9180
422	aaagagattt	gagaactagg	ggatgcagga	gagggaaatt	atttctaaga	agctgagcat	9240
424	atgataaata	tcccttgc	aaagaagact	gttatcaagg	cctaataatt	tgtatgtact	9300
426	ggcacctgt	aaatcagagc	tttgcatt	tgcttctca	tttgacggca	aacaaaatgt	9360
428	tgtctttgg	gataagagca	agagcctgg	cagttttct	aactggctt	ctgattgtt	9420
430	agggattttc	tctgtgtttt	atattaagca	acgtgagcac	ggtatataatg	tgttttgt	9480
432	ataagaagag	aaaaatgaat	tggcagacac	cttttccct	acaagacagg	agagcactat	9540
434	ttgaacaaat	tggaaattgg	actgccttac	tggatgtca	cagcactgt	gttcaaagct	9600
436	ttcagatcat	gtaatagtct	taggttcagg	tacacagcat	tgaaagaagg	aagaaagcaa	9660
438	ggctgat	agggcattgt	gaaaaatgaa	aagcctt	ctgagaaagc	aaactggcg	9720
440	ttataggtt	tctggtcacc	ttttaaaggaa	aggaacactg	aattaattat	aggagctgaa	9780
442	gggcacttgt	taataggtac	cctcacacaa	cacttctt	ttttctgagc	tatgattcac	9840
444	agctgaaagc	acacaaccag	aaataacaaa	tccactggcg	ggcaaccagc	atttcttaac	9900
446	acctatgggt	gcaaattgggg	atcttgactc	ctctccactc	tggaaaacca	cacaaagcca	9960
448	ggggaaacttgc	acgtctacta	aatggagtgt	gactgagca	attgggtgg	ttcataccac	10020
450	cataaaaaat	caaagatgt	cagtttgc	aattacctca	tcacaaaaga	tatttaacta	10080
452	cagttactca	ccttgcgttgc	aataaacgtc	tgaataaaatc	ttcaccataa	agcttatttac	10140
454	actaataaaaa	caataccagg	cagaaaaatgt	atctgtgt	tctggttctt	gtttatttgag	10200
456	aatataaaaa	aggctgtt	aggctgtt	cagttctaa	attaatggct	gacttaggaa	10260
458	cacaagtacg	tatccagga	caaatgcatt	atataaacc	aaatcattaa	gagtttaaga	10320
460	tttttcctt	ttttttttt	ttttttttt	gagatggagt	ttcagtctt	ttgcccaggc	10380
462	tagatgtt	tgggtgtatc	ccgggtca	gcaaccctca	cctccgggt	tcaagtgtt	10440
464	ctcctgcctc	agcctccaa	gtagctgg	ctacaggcac	gtgccaccac	gcctggctaa	10500
466	tttttgcatt	tttagtagag	atgggtttcc	ccacgttgc	caggctggc	ttgaactcct	10560
468	gacctcagg	gatctgcct	cctcagcctc	ccaaaatgt	gggattacag	gcatgagcca	10620

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/083,853B

DATE: 02/12/2003

TIME: 10:38:16

Input Set : A:\3385.1.ST25.txt

Output Set: N:\CRF4\02112003\J083853B.raw

L:16 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER